PATENT ABSTRACTS OF JAPAN

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(21)Application number : 07-072236
(22)Date of filing : 22.02.1995

(71)Applicant : SOGABE TAKUMI
SHINO KOICHI
(72)Inventor : SOGABE TAKUMI

(54) ELIMINATION OF TOXICITY AND ADVERSE EFFECT OF AIDS VIRUS INHIBITOR OR THE LIKE AND ITS PRODUCTION

(57)Abstract:
PURPOSE: To remove toxicity and adverse effect of AIDS virus, etc.
CONSTITUTION: A reverse transcriptase inhibitor having excellently inhibitory action on AIDS virus is treated with a mixture of an organogermanium compound [(GeCH2CH2COOH)2O3] and a concentrated essence of Grifola frondosa in fixed amounts and their synergistic effects are drawn and raised to eliminate the strong toxicity and adverse effect of an AIDS virus inhibitor.

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[Date of extinction of right]

* NOTICES *

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CLAIMS

[Claim(s)]
This invention is the toxicity of the AIDS virus inhibitor which carries out the amount combination of predetermined numbers of organic germanium [(GeCH2CH2COOH) 2O3] and the maitake-mushrooms concentration extractives for the powerful toxicity which it has [reverse transcriptase inhibitor / which has a remarkable restraint to an AIDS virus], and a side effect, pulls out the counter acting effect, **** toxicity and a side effect, and heightened the synergistic effect in addition, and ****** and its manufacture approach of a side effect.

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DETAILED DESCRIPTION

[Detailed Description of the Invention]
(1) Since about six sorts of AIDS virus inhibitors with which the purpose current license of the invention is carried out are using reverse transcriptase inhibitor for the main raw material, they have the fatal fault as for which resistance is made to an AIDS virus during use, and medicine loses its effect on the top where the toxicity and a side effect are powerful. It sets it as the first purpose to **** toxicity and a side effect for this fault using an electronic-automatic-exchange operation of organic germanium, and D fraction of maitake-mushrooms extractives, B glucan and the other pharmacology effectiveness, and sets it as the following purpose to contribute to a world race through the therapy of an acquired immunode-ficiency syndrome.
(2) Configuration this invention of invention carries out specified quantity combination of reverse transcriptase inhibitor with powerful toxicity and a side effect, organic germanium without a history and a side effect, and the maitake-mushrooms concentration extractives respectively, and is constituted.
(3) The use range is wide and the preparation approach of the matter for attaining the counter acting effect of field-of-the-invention this invention on industry, the synergistic-effect drawer approach, and this can contribute also to other chemicals and food at an industrial field.
(4) The acquired immunode-ficiency syndrome inhibitor which is developed conventionally [Prior-art] and approved is what used reverse transcriptase inhibitor as the main raw material, and although other palliative is used in order to ease this, since toxicity and the side effect are powerful, an acquired immunode-ficiency syndrome inhibitor without toxicity and a side effect with what [no] has still perfect all is desired.
(5) There is a fatal fault, -- although about six sorts (AZT, DDI, DDC, Britain 1, U.S. 1, WHO1) are prominent, toxicity and a side effect have [all] powerful reverse transcriptase inhibitor from the main raw material, resistance is make to a virus during use, and medicine loses an effect --, therefore the acquired immunode-ficiency syndrome HIV inhibitor which this invention tends to solve and by which technical problem current license is carry out cannot treat an acquired immunode-ficiency syndrome completely, and it is only prevention temporarily. This invention uses the special virtue of maitake-mushrooms extractives, an electronic-automatic-exchange operation of germanium, oxygen potentiation, the enhancement force of an endorphin, etc., pulls out a phase bactericidal action and a synergism, and **** toxicity and a side effect.
(6) Although the repeated experiment was tried for the purpose achievement of the The means for solving a technical problem above (5), it became clear that 20% [of reverse transcriptase inhibitor] and maitake-mushrooms extractives 70% and organic germanium [(GeCH2CH2COOH) 2O3]10% of combination of effectiveness is the highest as a result. When reverse transcriptase inhibitor was blended 20% or more, the electronic-automatic-exchange operation was insufficient and it was checked that toxicity remains.
(7) The solvent was added from operation effectiveness maitake-mushrooms 100kg, extractives were extracted, these extractives were high-condensed with the manometric method, and as a result of attaching a sulfuric-acid radical to the extractives extracted 1,700g, considering as an AIDS virus inhibitor and the hospital in Kobe Pharmaceutical University and the U.S. carrying out a clinical trial, the good results that ratio of consumed water of whose is 70% were obtained. Amelioration was added to this agent after that, and the AIDS virus inhibitor of 70% or more of specified quantity **** ratios of consumed water was completed for organic germanium and reverse transcriptase inhibitor. The operation effectiveness of organic germanium is explained in full detail below.
(**) The activated spontaneous killer cell which organic germanium induces interferon in a body and activates a spontaneous killer cell attacks a gun cell, and kills this.
(**) While three hands of a germanium molecule (drawing) have held three oxygen, it enters into blood, and combine with the hydrogen of the villain which makes blood muddy, and it is excreted by the outside of the body as water (drawing) (urine), and make blood dry. Beautiful blood cures many illnesses and the substrate

which is well effective is made. (The medicinal effectiveness of the person of **** is blunt)
(**) The atom (drawing) of a germanium element consists of four layers, K nucleus, M nucleus, L nucleus, and N nucleus, it has 32 electrons, namely, effectiveness does not have other 28 electrons into which the electron of four N nuclei performs the electronic automatic exchange with a free electron in four K nuclei, eight M nuclei, 16 L nuclei, and four N nuclei by the immobilization electron.
(**) this operation that four free electrons will be harmless electrons if the mechanism of Seki Perilla frutescens (L.) Britton var. crispa (Thunb.) Decne. is explained to an electronic-automatic-exchange operation of the free electron of N nucleus, a deleterious material electron will jump into the pocket of the marks of which it jumped out of which a harmless electron jumps out besides a nucleus, and will serve as a harmless object electron if a deleterious material electron approaches this electron, repeats this mechanism at an electric high speed, and converts deleterious material into a harmless object -- the toxicity of reverse transcriptase inhibitor -- relaxation -- or it becomes harmless.
(**) Germanium suppresses the instability of the endorphin of the matter which stops a pain in the living body, reinforces this, and removes all pains.
In order to **** the powerful toxicity and powerful side effect which the reverse transcriptase inhibitor which is the first purpose of actual example this invention has, each following ** needs to be blended. That is, for 20% or less of reverse transcriptase inhibitor, more than organic germanium (42.8% of germanium content) 10%, and the purpose achievement of more than maitake-mushrooms extractives 70% (maitake-mushrooms extractives, concentration extractives 1.7kg from 100kg raw maitake mushrooms extracted thing) this invention, the accuracy of the rate of a component of reverse transcriptase inhibitor, organic germanium, and maitake-mushrooms concentration extractives and the rate of a compounding ratio is the most important. If this operation is exact, counter acting effect and the synergistic effect will be brewed completely, and the purpose will be attained.

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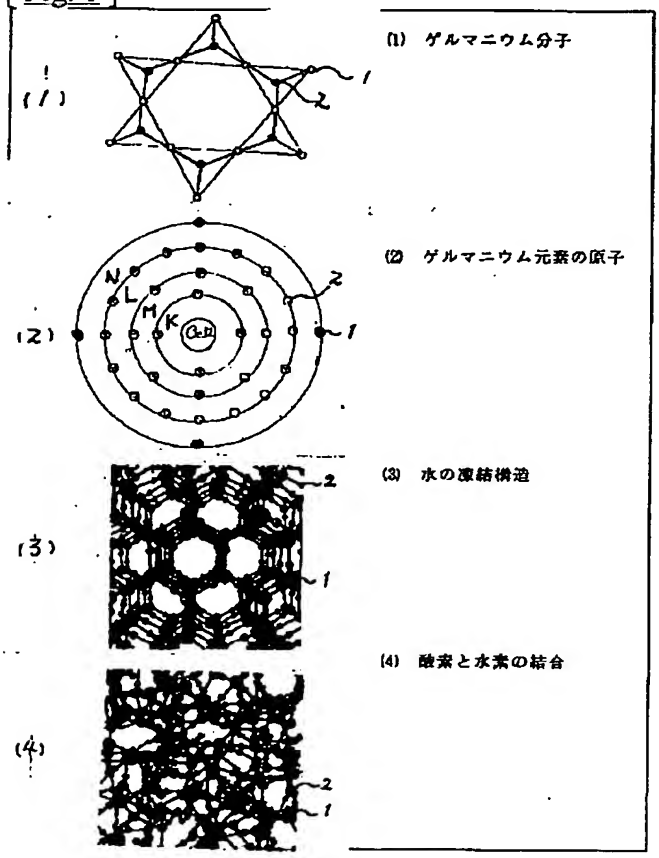
DRAWINGS

[Fig. 1]



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(71)出願人　594196989
曽我部　工
大阪府堺市竹城台１丁２番16―209

(71)出願人　595046090
志野　光市
奈良県磯城郡三宅町但馬299

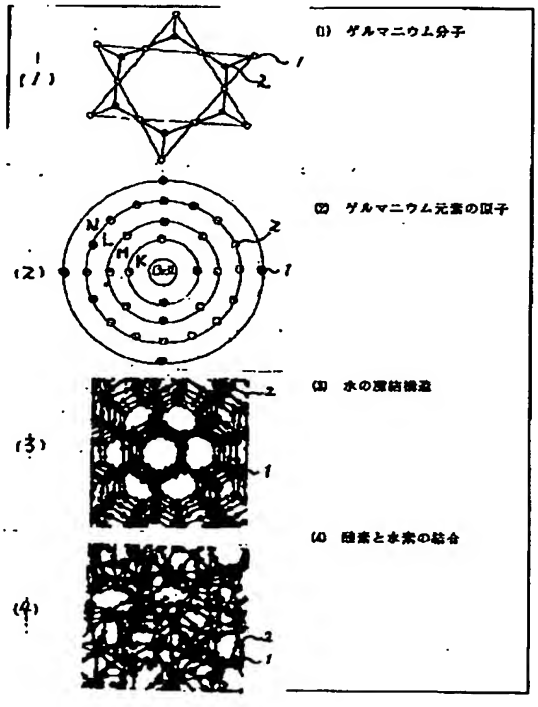
(72)発明者　曽我部　工
大阪府堺市竹城台１丁２番16－209

(54)【発明の名称】　エイズウイルス抑制剤等の毒性、副作用の消除法とその製造方法

(57)【要約】　（修正有）

【課題】　エイズウィルス抑制剤等の毒性、副作用を取り除く方法を提供する。

【解決手段】　エイズウィルスに対して顕著な抑制力を有する逆転写酵素阻害剤等の持つ強力な毒性、副作用を、有機ゲルマニウム〔（$GeCH_2CH_2COOH$）$_2O_3$〕とマイタケ濃縮エキスの所定数量配合により、その相殺効果を引き出し、加えてその相乗効果を高めるようにした、エイズウィルス抑制剤等の毒性、副作用の消除法とその製造方法。



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【特許請求の範囲】

本発明はエイズウイルスに対して顕著な抑制力を有する逆転写酵素阻害剤等の持つ強力な毒性、副作用を有機ゲルマニウム〔（$GeCH_2CH_2COOH$）$_2O_3$〕とマイタケ濃縮エキスを所定数量配合し、その相殺効果を引き出し毒性と副作用を消除し、加えてその相乗効果を高めるようにした、エイズウイルス抑制剤等の毒性、副作用の消除法とその製造方法

【発明の詳細な説明】

（１）　発明の目的

現在認可されている約６種のエイズウイルス抑制剤は主原料に逆転写酵素阻害剤を使用しているために、その毒性、副作用が強力な上に、使用中エイズウイルスに耐性ができて薬が効かなくなる致命的欠点がある。この欠点を有機ゲルマニウムの電子交換作用とマイタケエキスのＤフラクション、Ｂグルカン、その他の薬理効果を利用して毒性と副作用を消除することを第一目的とし、エイズの治療を通して世界民族に貢献することを次の目的とする。

（２）　発明の構成

本発明は強力な毒性、副作用を持つ逆転写酵素阻害剤と全く素性、副作用の無い有機ゲルマニウムとマイタケ濃縮エキスを各々所定量配合して構成される。

（３）　産業上の利用分野

本発明の相殺効果、相乗効果引出方法と之を達成するための物質の調合方法は他の薬品や食品にも利用範囲が広く産業分野に貢献できる。

（４）　従来の技術

従来開発され認可されているエイズ抑制剤は逆転写酵素阻害剤を主原料にしたもので毒性、副作用が強力なためにこれを緩和するために他の緩和剤が使われているが何れも未だ完全なものは皆無である、毒性、副作用のないエイズ抑制剤が望まれる。

（５）　本発明が解決しようとする課題

現在認可されているエイズＨＩＶ抑制剤は約６種（ＡＺＴ、ＤＤＩ、ＤＤＣ、英国１、米国１、ＷＨＯ１）が著名であるが、何れも逆転写酵素阻害剤が主原料で毒性、副作用が強力で使用中ウイルスに耐性ができて薬が効かなくなるなど致命的欠点がある、従ってエイズを完全に治療することが、不可能で一時抑えにすぎない。本発明はマイタケエキスの特効と、ゲルマニウムの電子交換作用や酸素増強作用、エンドルフィンの増強力等を利用し相殺作用、相乗作用を引き出し、毒性、副作用を消除するものである。

（６）　課題を解決するための手段

上記（５）の目的達成のために度重なる実験を試みたが、その結果逆転写酵素阻害剤２０％、マイタケエキス７０％、有機ゲルマニウム〔（$GeCH_2CH_2COOH$）$_2O_3$〕１０％の配合が最も効果が高いことが判明した。逆転写酵素阻害剤を２０％以上配合すると電子交換作用不足で毒性が残ることが確認された。

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（７）　作用効果

マイタケ１００ｋｇから溶媒を加えてエキスを抽出し、このエキスを減圧法によって高濃縮し、１，７００ｇ採取したエキスに硫酸基をつけてエイズウイルス抑制剤とし、神戸薬科大学と米国の病院が臨床試験を実施した結果、その有効率が７０％の好成績を得た。その後本剤に改良を加え、有機ゲルマニウムと逆転写酵素阻害剤を所定量加え有効率７０％以上のエイズウイルス抑制剤を完成した。有機ゲルマニウムの作用効果については下記に詳述する。

（イ）　有機ゲルマニウムは体内でインターフェロンを誘発し、ＮＫ細胞を活性化する、活性化されたＮＫ細胞は、ガン細胞を攻撃してこれを殺す。

（ロ）　ゲルマニウム分子（図面）の３本の手が３個の酸素をつかんだまま血中に入り、血液を濁す悪玉の水素と結合し、（図面）水（尿）として体外に排泄され血液をサラサラにする。きれいな血液が諸病を治し、薬がよく効く下地を作る。（薬漬の者は薬の効果が鈍い）

（ハ）　ゲルマニウム元素の原子（図面）はＫ核、Ｍ核、Ｌ核、Ｎ核の４層から成り、３２個の電子を持つ、即ちＫ核４個、Ｍ核８個、Ｌ核１６個、Ｎ核４個でＮ核４個の電子は自由電子で電子交換を行なう、他の２８個の電子は不動電子で効果は無い。

（ニ）　Ｎ核の自由電子の電子交換作用に関しその機序を説明すれば４個の自由電子は無害電子であり、この電子に有害物電子が近づくと無害電子が核外に飛び出す、飛び出した跡のポケットに有害物電子が飛び込んで無害物電子となり、この機序を電気的高速で繰返し有害物を無害物に転換する、この作用によって逆転写酵素阻害剤の毒性が緩和又は無害となる。

（ホ）　ゲルマニウムは体内の痛みを抑える物質のエンドルフィンの不安定性を抑えて之を増強しあらゆる痛みを除去する。

実地例

本発明の第一目的である逆転写酵素阻害剤の持つ強力な毒性と副作用を消除するためには次のような各剤の配合が必要である。即ち逆転写酵素阻害剤２０％以下、有機ゲルマニウム（Ｇｅ含有率４２．８％）１０％以上、マイタケエキス７０％以上（マイタケエキスは、１００ｋｇの生マイタケから濃縮エキス１．７ｋｇ採取したもの）本発明の目的達成のためには、逆転写酵素阻害剤、有機ゲルマニウム、マイタケ濃縮エキスの成分率と配合比率の正確度が最も重要である。この実施が正確であれば相殺効果と相乗効果が完全に醸成され目的が達成される。

【図面の簡単な説明】

【第１図】（１）はゲルマニウムの分子構造で１は酵素２はゲルマニウムである。（２）はゲルマニウム元素の原子構造でＫ核、Ｍ核、Ｌ核、Ｎ核より成り１は自由電

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子で２は不動電子である。（３）は水の凍結構造で１は　　＊なった構造で１は酸素２は水素である。
酸素２は水素である。（４）は酸素と水素の結合で水と＊

【第１図】